



# FEMA



Prepared by  
*Brian Hoeth*

# FEMA Region 6 Weather Threat Briefing

Thursday August 13, 2020

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



NWSSouthern

[www.weather.gov/srh](http://www.weather.gov/srh)



- **Excessive heat for portions of TX/OK/NM/LA today and tomorrow and for portions of TX/OK/LA/AR on Saturday.**
- **Isolated heavy rainfall/flash flooding today for AR/LA/E OK.**
- **Isolated severe storms today for AR/E OK/NE TX/N LA.**
- **TD I I will strengthen to Tropical Storm Josephine today.**
  - **No impacts to FEMA 6.**

# FEMA Region 6 Threat Matrix

Aug 13, 2020 - Aug 17, 2020



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| DAY / THREAT                   | Thu                | Fri         | Sat         | Sun | Mon |
|--------------------------------|--------------------|-------------|-------------|-----|-----|
| Severe Storms                  | AR/E OK/NE TX/N LA |             |             |     |     |
| Heavy Rain /<br>Flash Flooding | E OK/W AR          |             |             |     |     |
|                                | AR/LA              |             |             |     |     |
| Fire Weather                   |                    |             |             |     |     |
| Tropical<br>Winds / Surge      |                    |             |             |     |     |
| Heat                           | TX/OK/NM/LA        | TX/OK/NM/LA | TX/OK/LA/AR |     |     |
| River Flooding                 |                    |             |             |     |     |

|  |                                   |
|--|-----------------------------------|
|  | No Weather Threats Expected       |
|  | Very Common – Happens Often       |
|  | Common – Happens Frequently       |
|  | Uncommon – A Few Times a Year     |
|  | Rare – Once Every 1-5 Years       |
|  | Very Rare – Once Every 5-10 Years |

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*

# Tropical Weather Outlook – Atlantic/Gulf

See next slide for more information



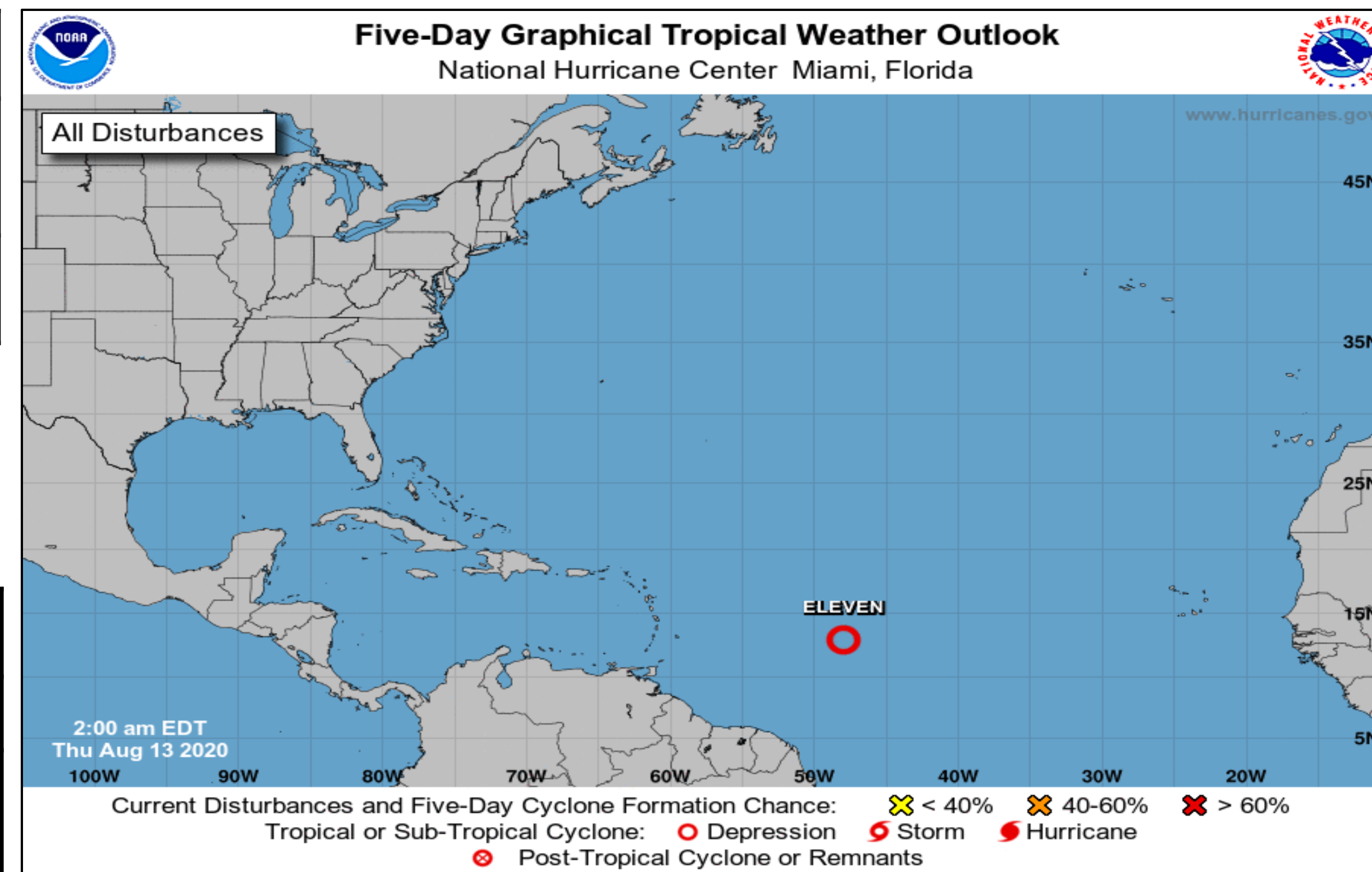
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## Areas of Possible Development

| Area | Chance of Development | Potential Impacts to FEMA 6 |
|------|-----------------------|-----------------------------|
| -    |                       |                             |

## Active Tropical Cyclones

| Storm | Potential Impacts to FEMA 6 |
|-------|-----------------------------|
| TD11  | None.                       |

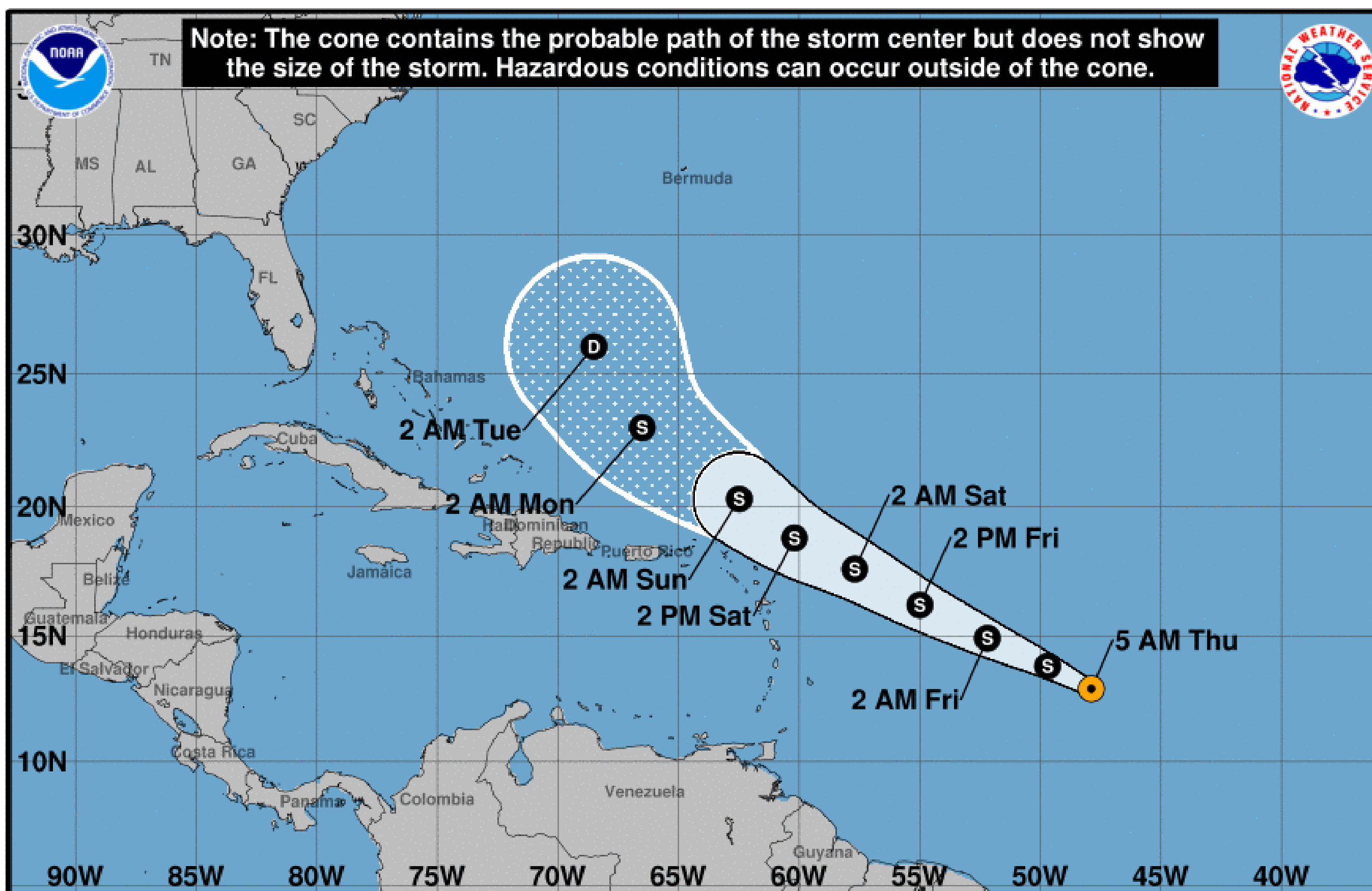




# Tropical Depression Eleven



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**Tropical Depression Eleven**  
Thursday August 13, 2020  
5 AM AST Advisory 7  
NWS National Hurricane Center

**Current information:** ●  
Center location 12.9 N 47.9 W  
Maximum sustained wind 35 mph  
Movement WNW at 15 mph

**Forecast positions:**  
● Tropical Cyclone ○ Post/Potential TC  
Sustained winds: D < 39 mph  
S 39-73 mph H 74-110 mph M > 110 mph

**Potential track area:**  
Day 1-3 Day 4-5

**Watches:**  
Hurricane Trop Storm

**Warnings:**  
Hurricane Trop Storm

- Tropical Depression Eleven is expected to strengthen to Tropical Storm Josephine today.
- The storm will move into the western Atlantic by early next week.
- No impacts to FEMA Region 6.

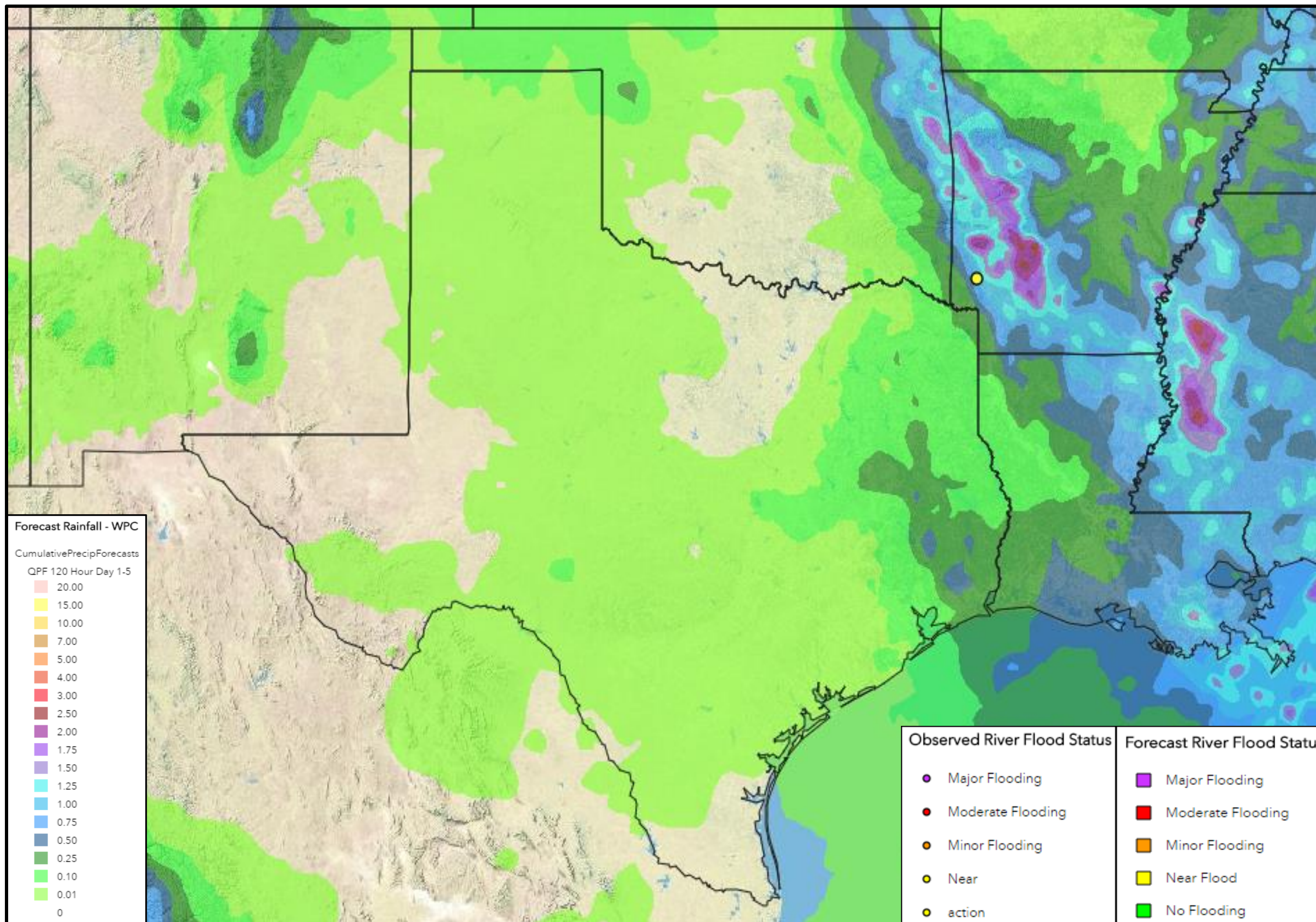


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*

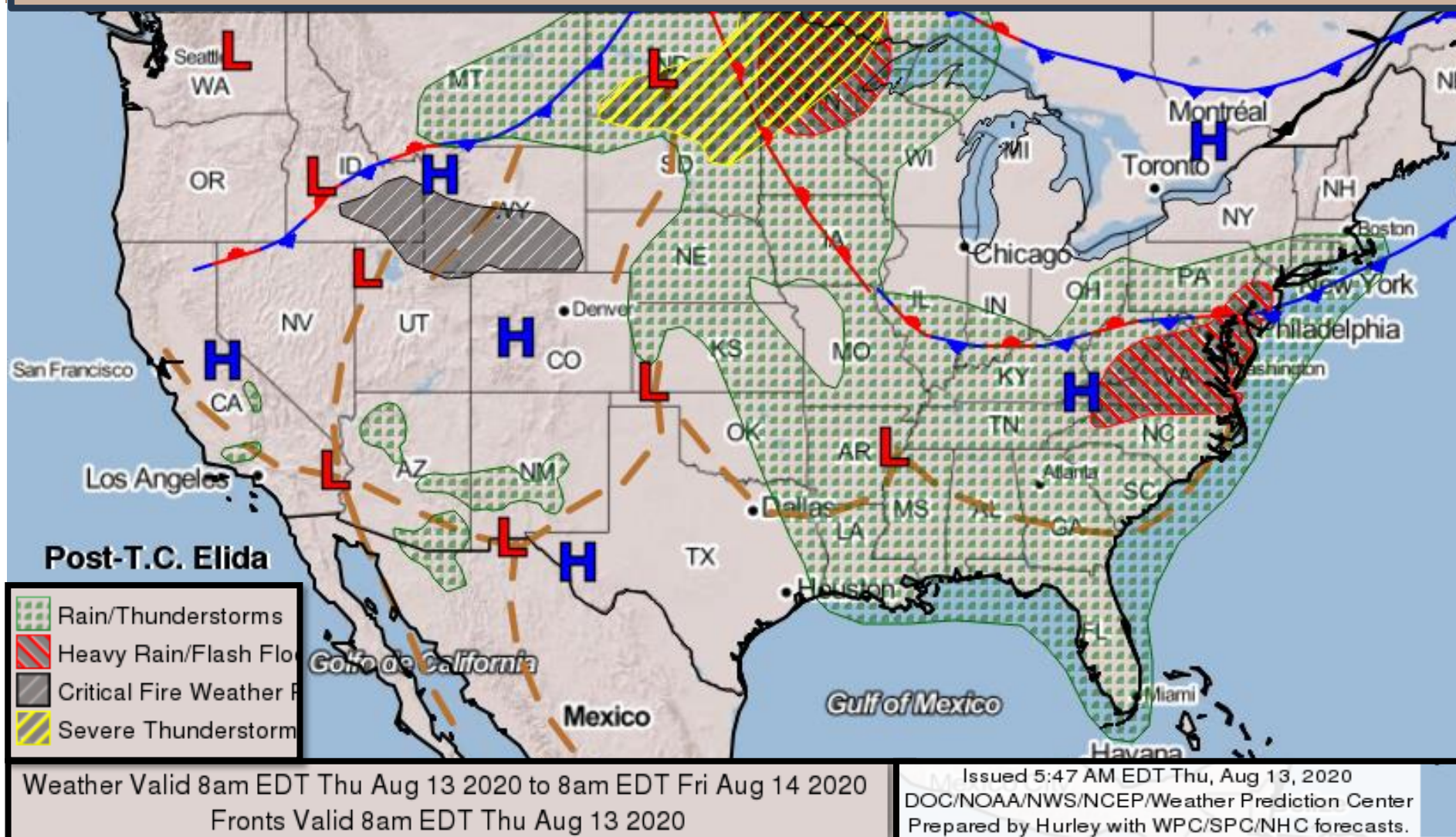


**No river flooding is observed or forecast.**

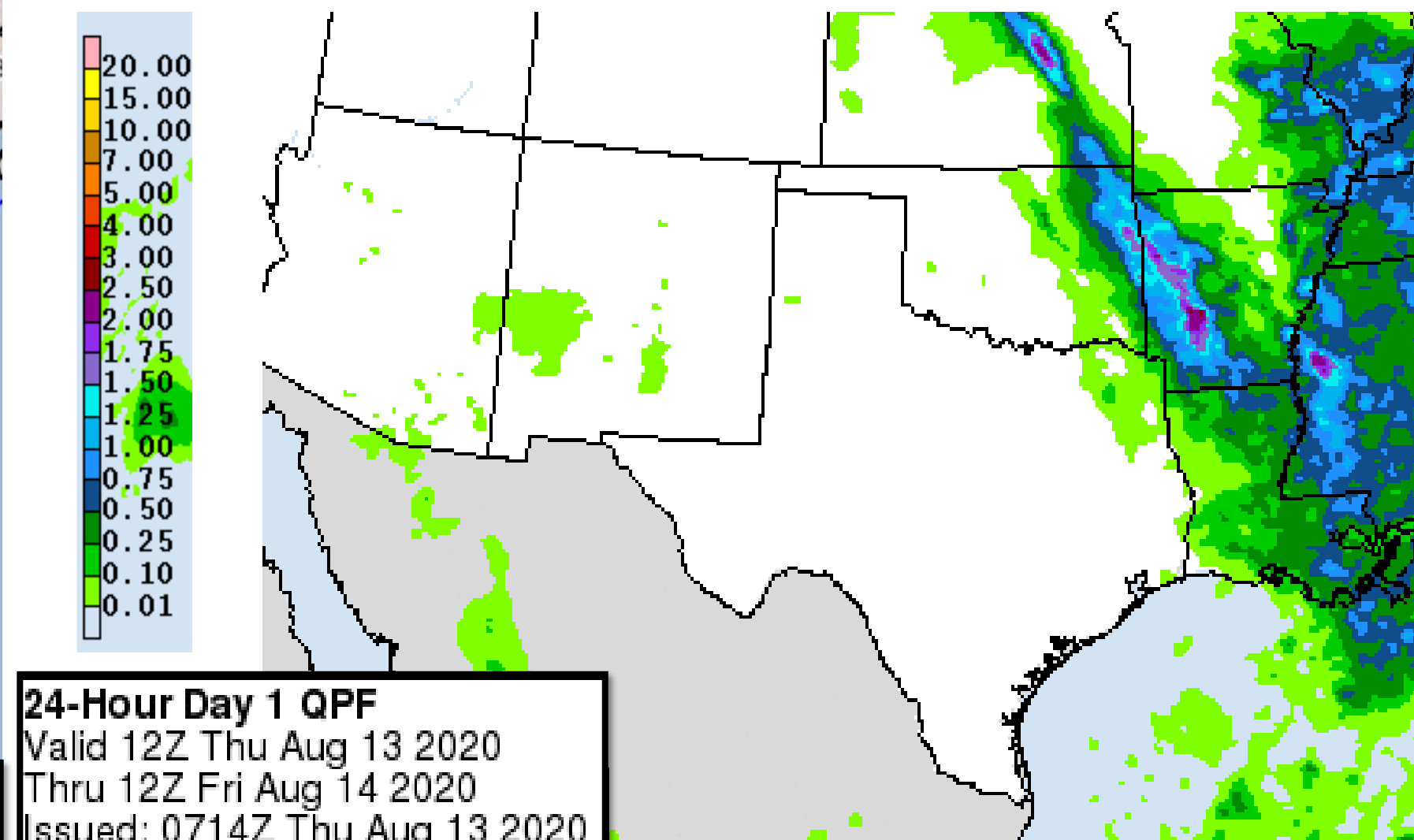


# Today's Weather

## Forecast Chart



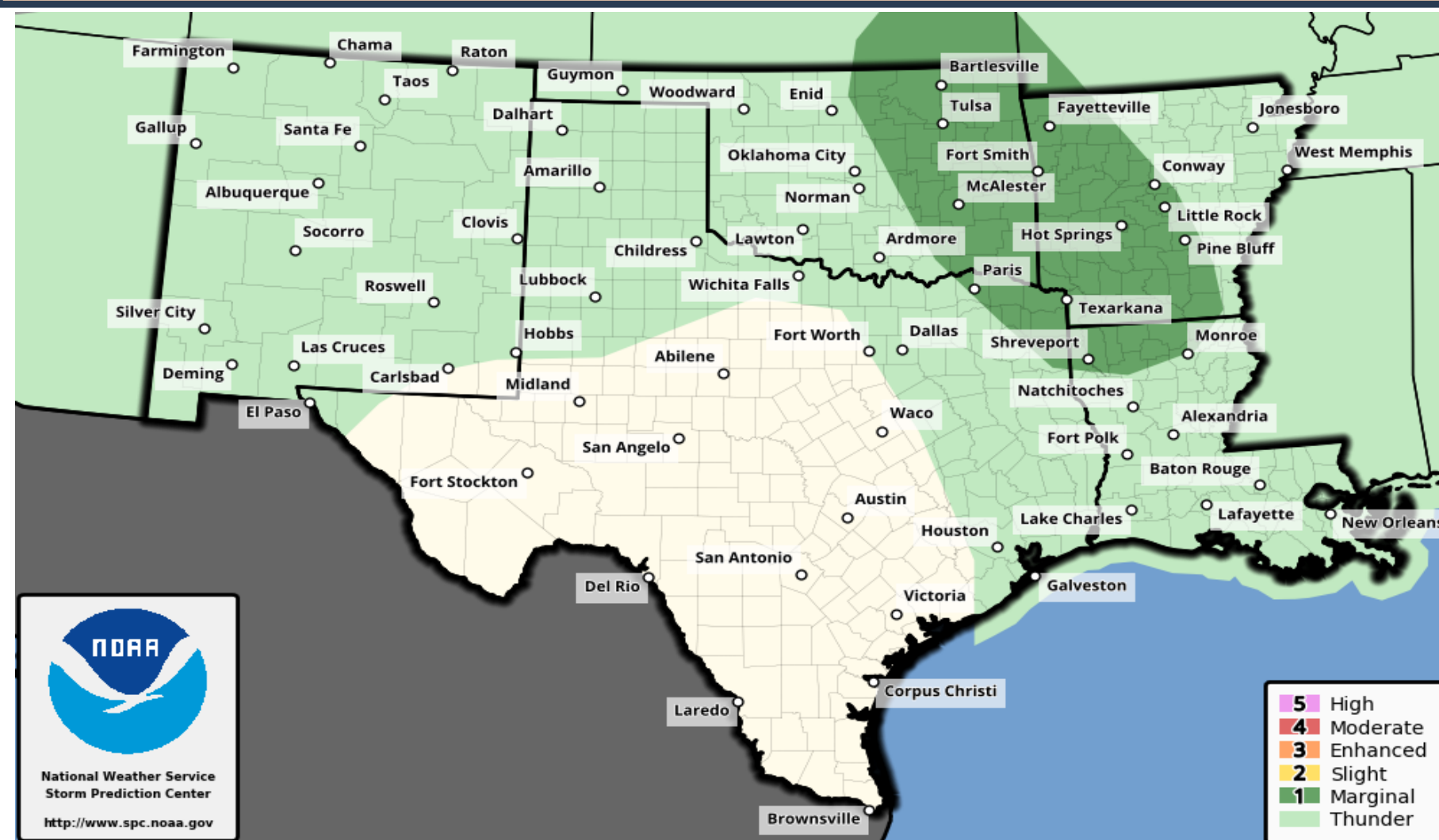
## Forecast Rainfall



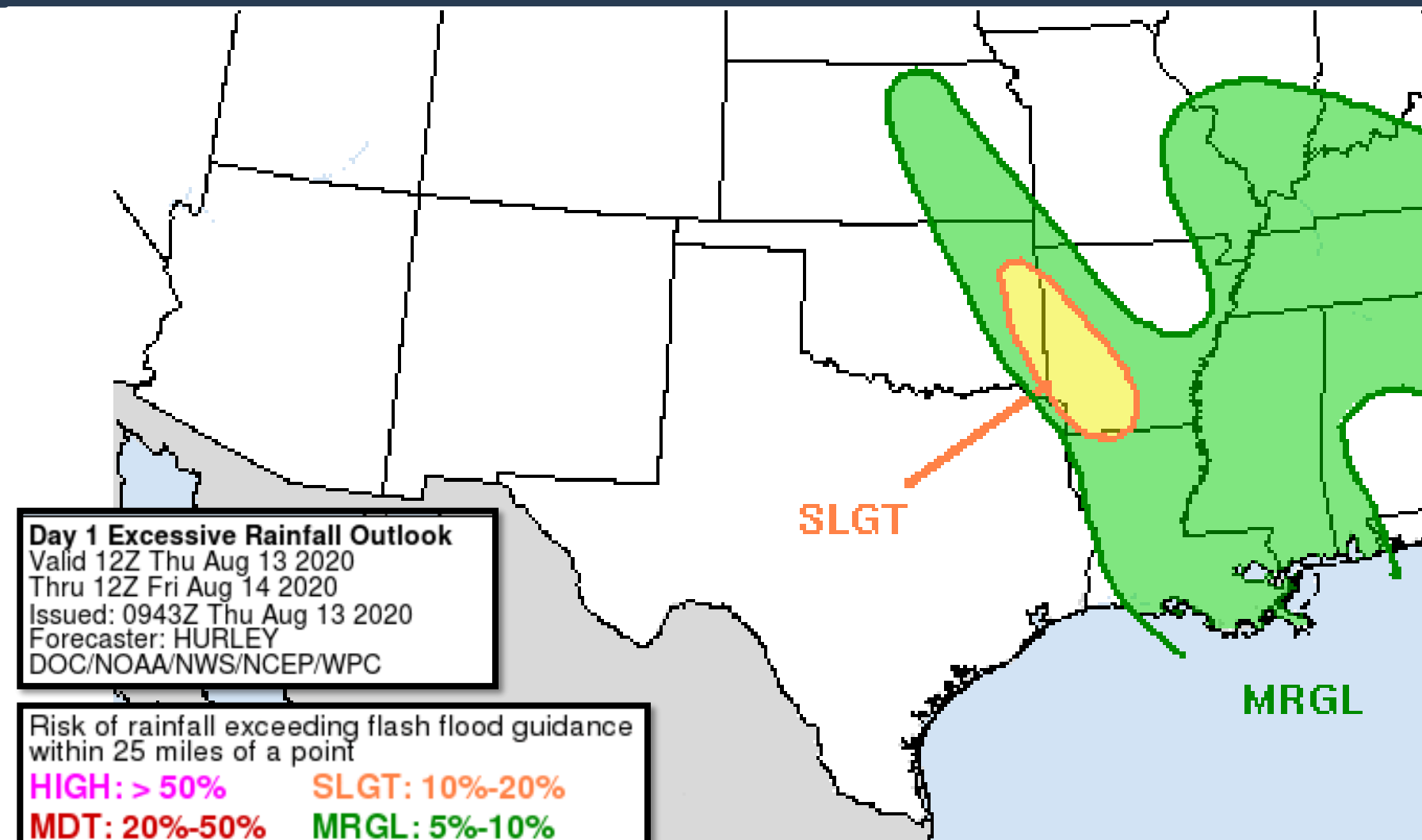
Isolated heavy rainfall and flash flooding is likely across E OK/W AR and possible for the rest of AR into LA.

Isolated severe storms across E OK/AR/NETX/N LA.

## Severe Weather Outlook



## Excessive Rainfall Outlook

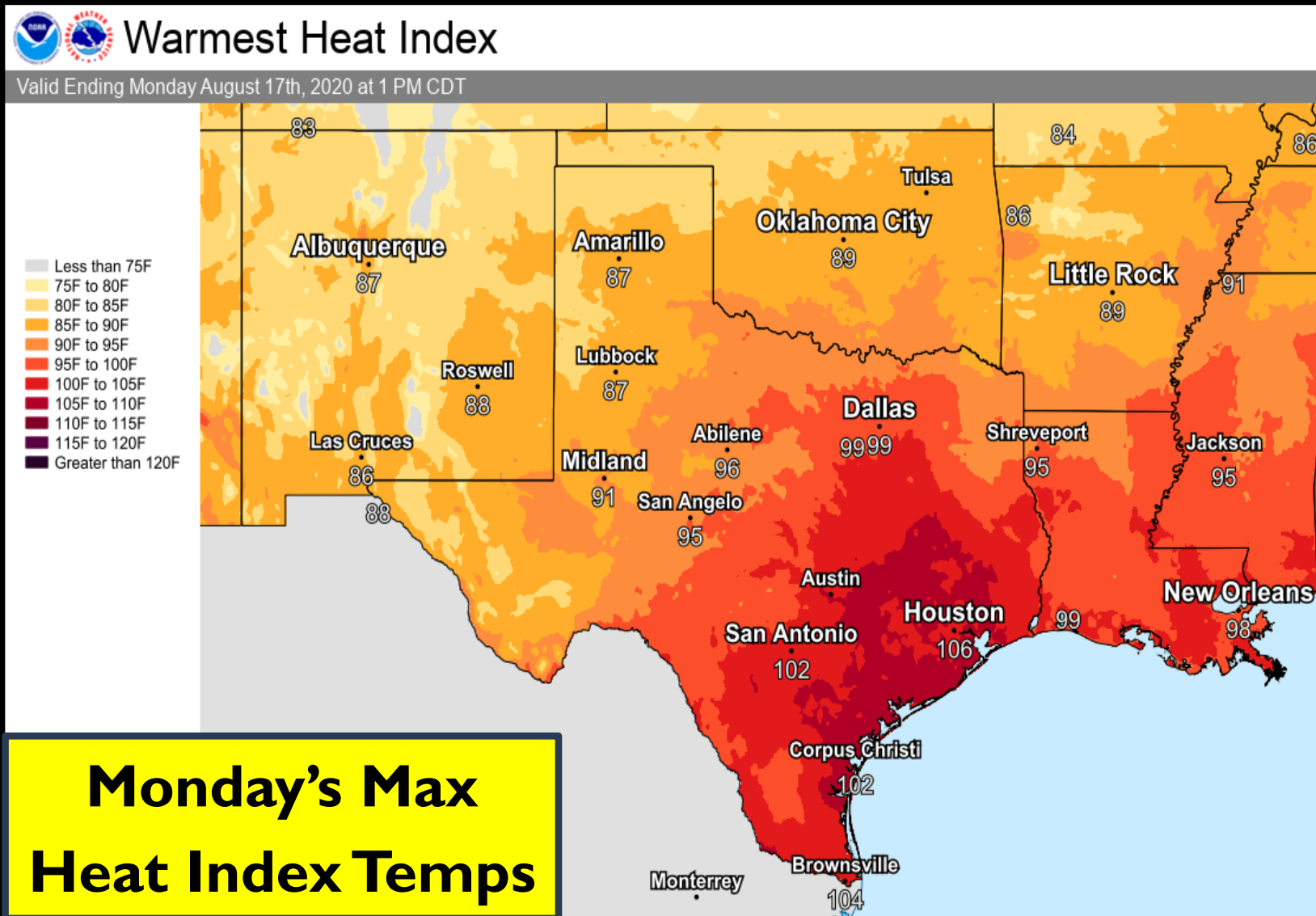
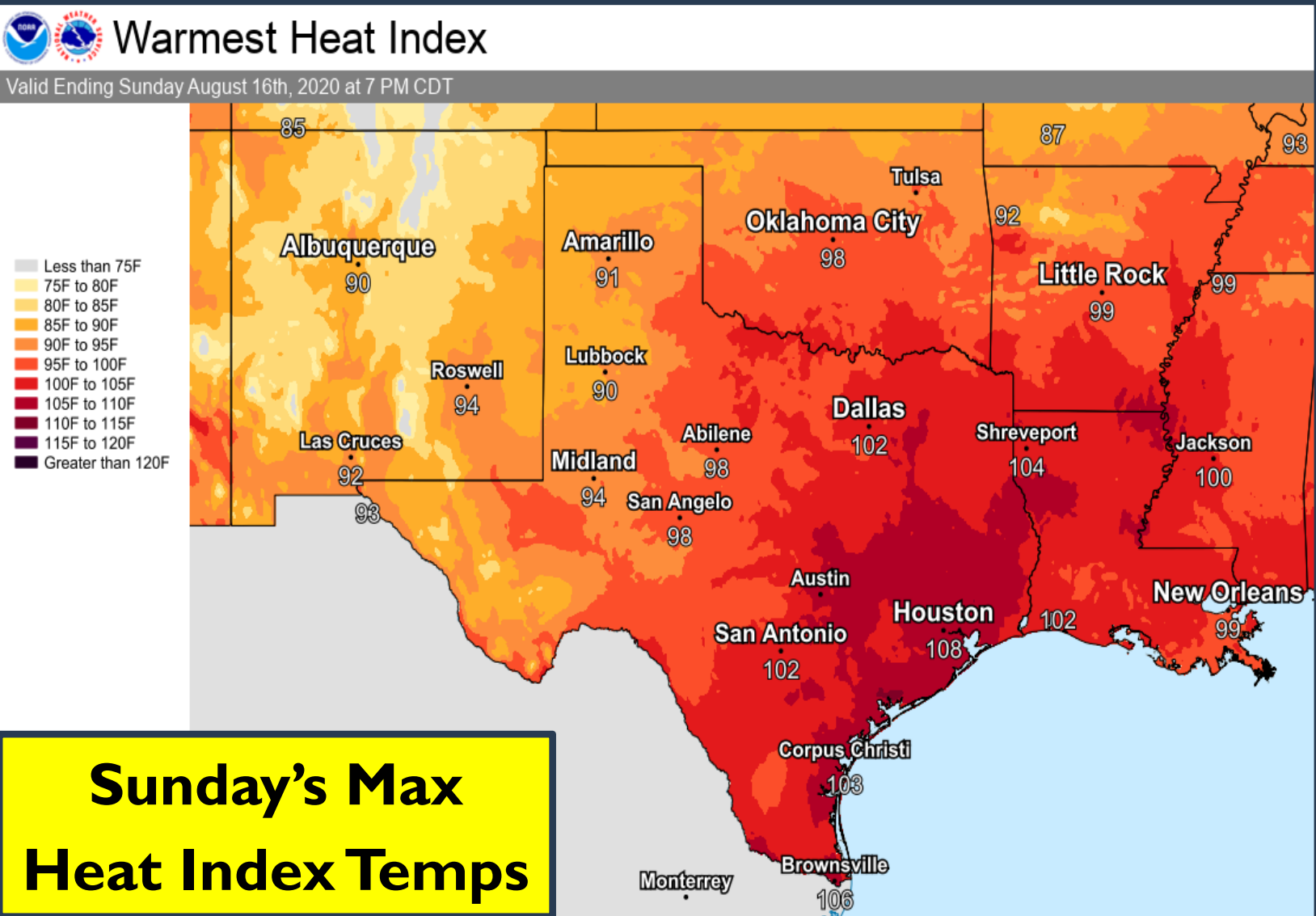
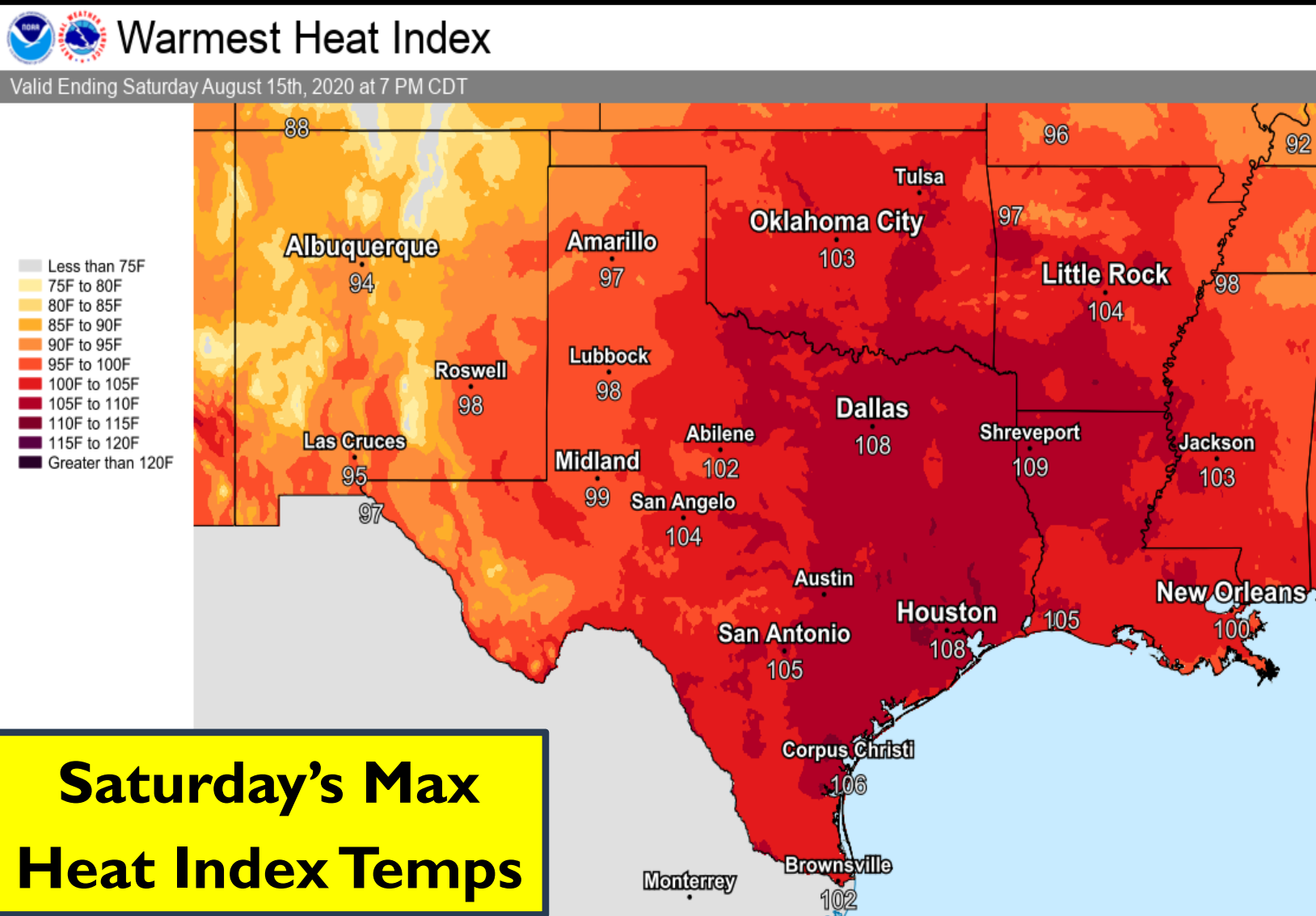
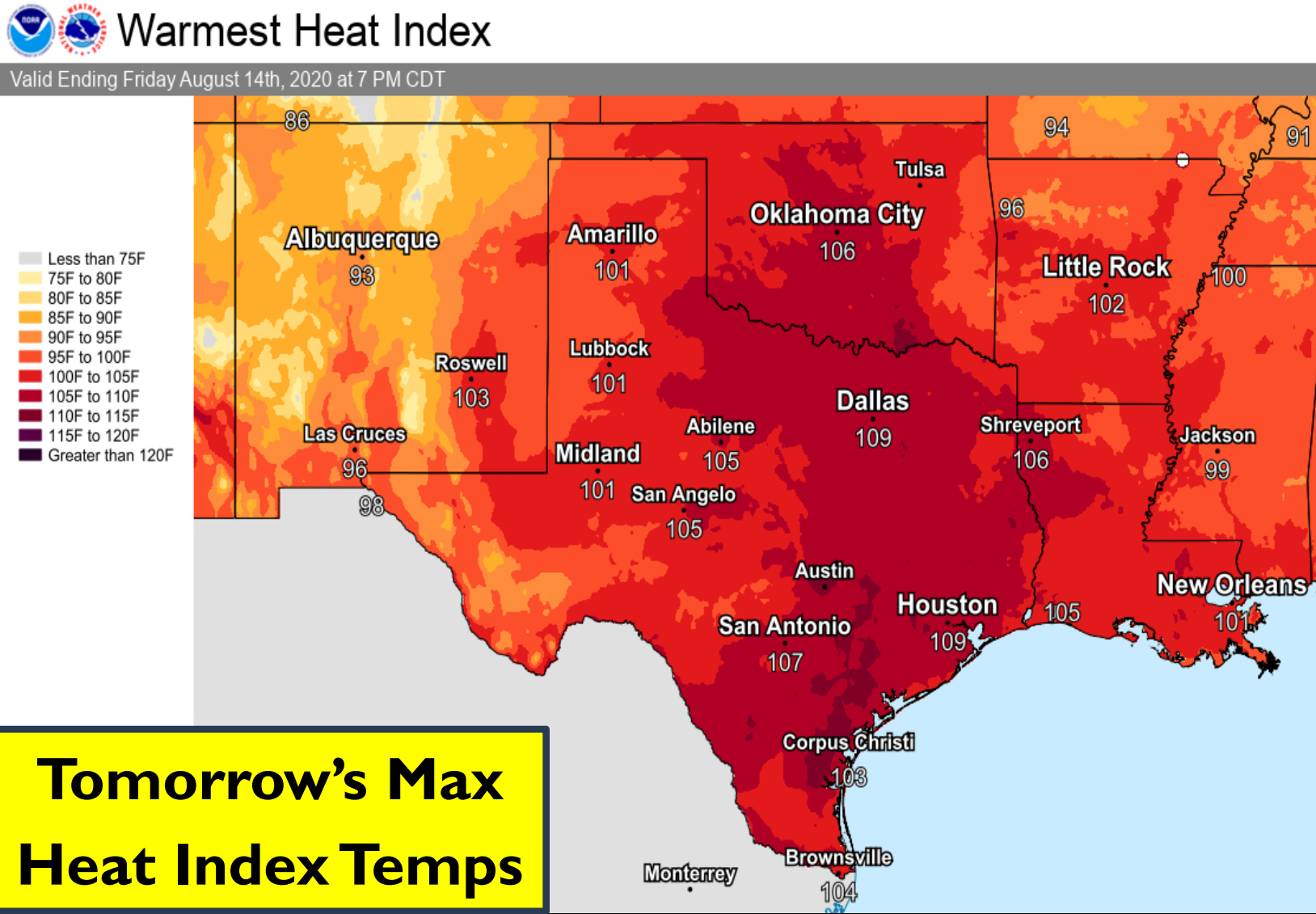
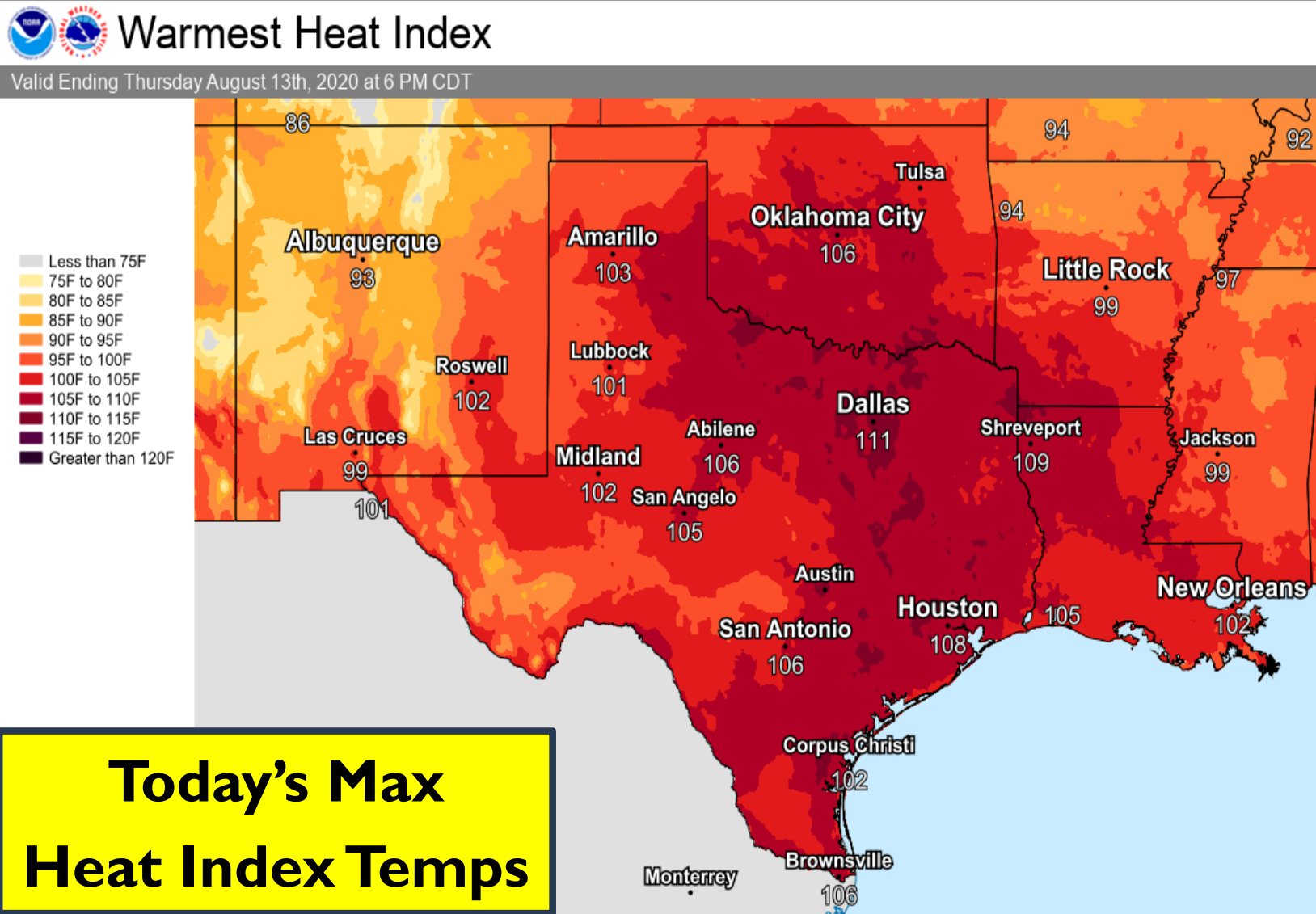
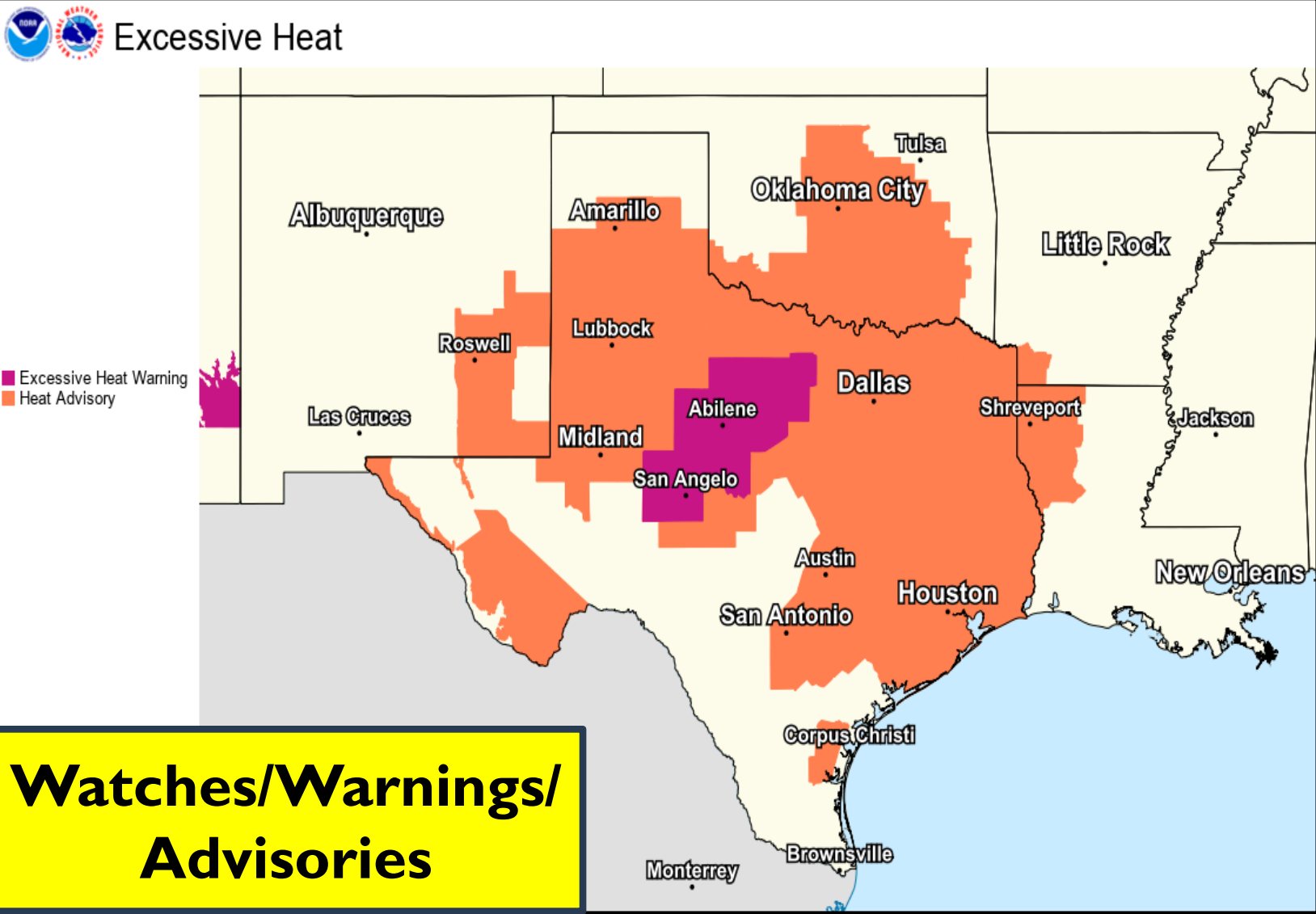




# Excessive Heat Outlook



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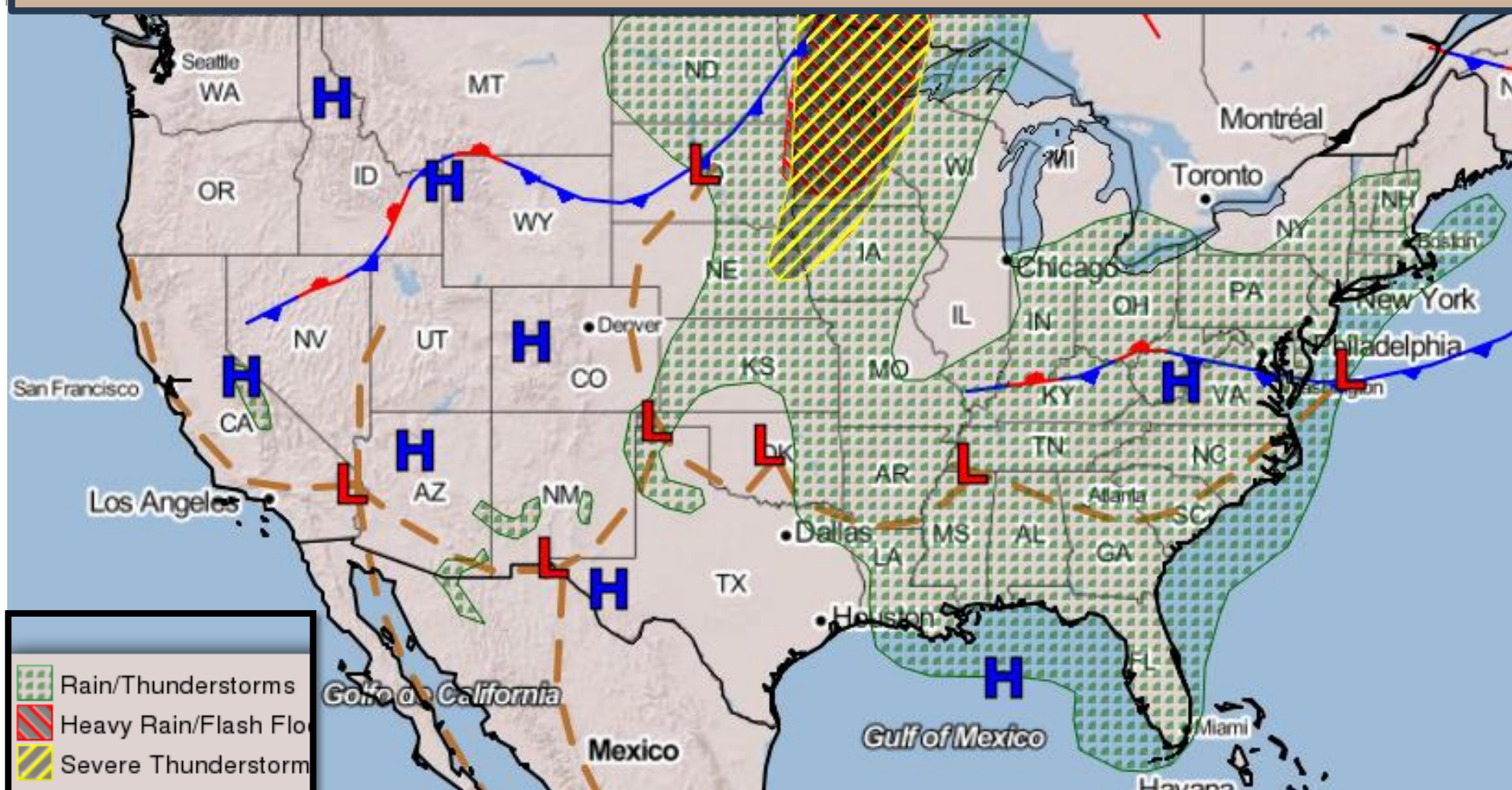


# Tomorrow's Weather



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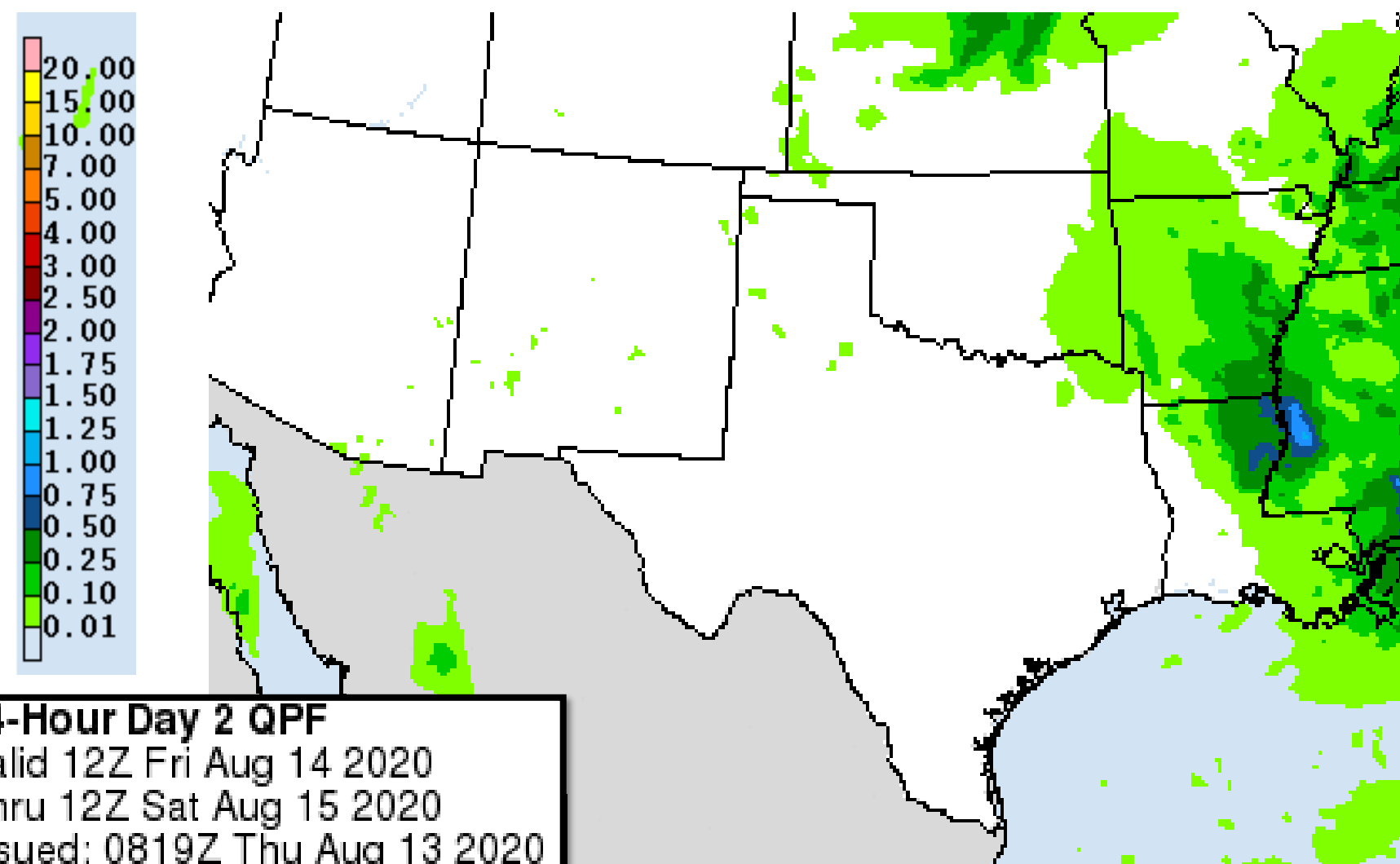
## Forecast Chart



Weather Valid 8am EDT Fri Aug 14 2020 to 8am EDT Sat Aug 15 2020  
 Fronts Valid 8am EDT Fri Aug 14 2020

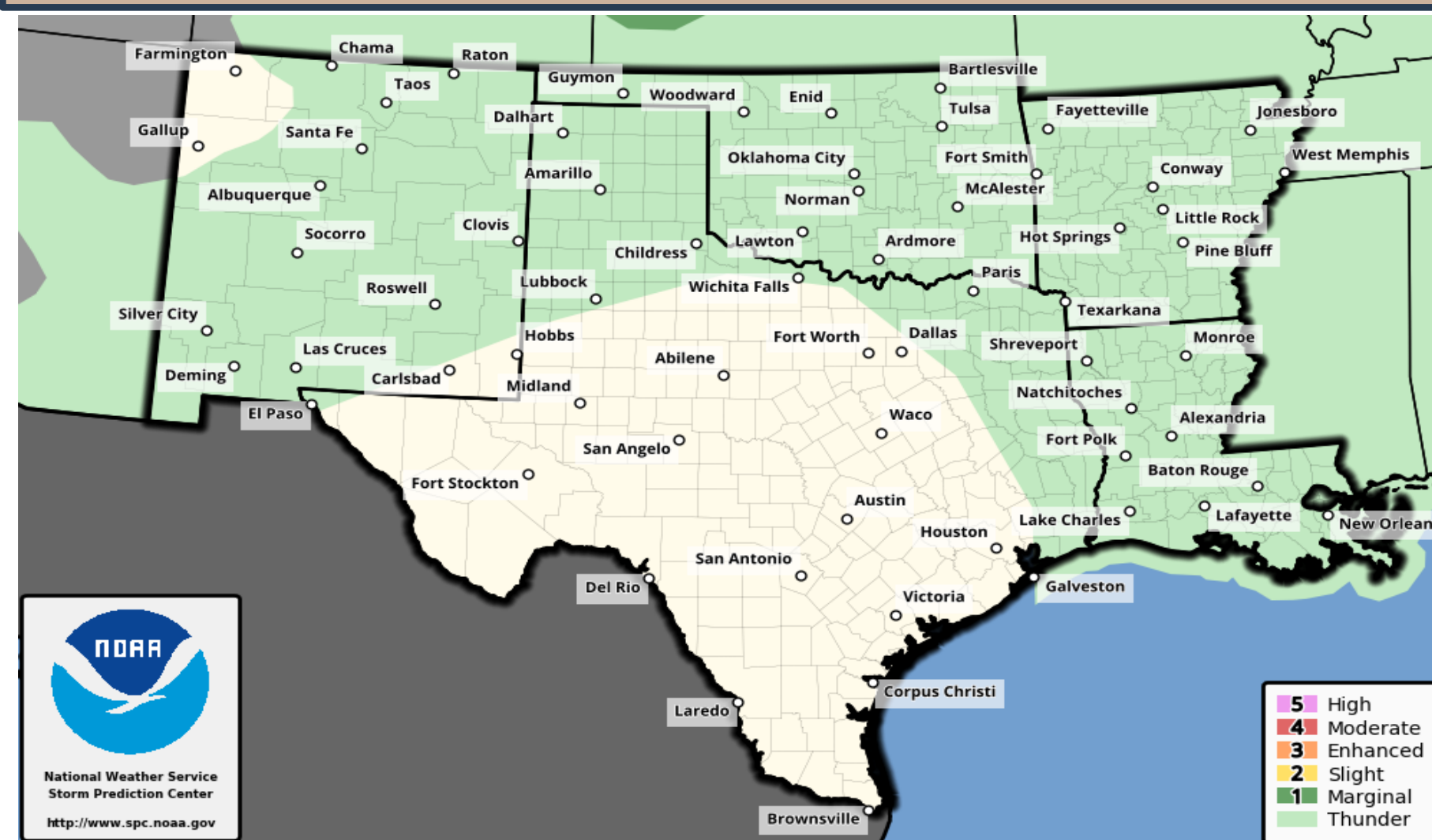
Issued 4:58 AM EDT Thu, Aug 13, 2020  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by Campbell with WPC/SPC/NHC forecasts.

## Forecast Rainfall

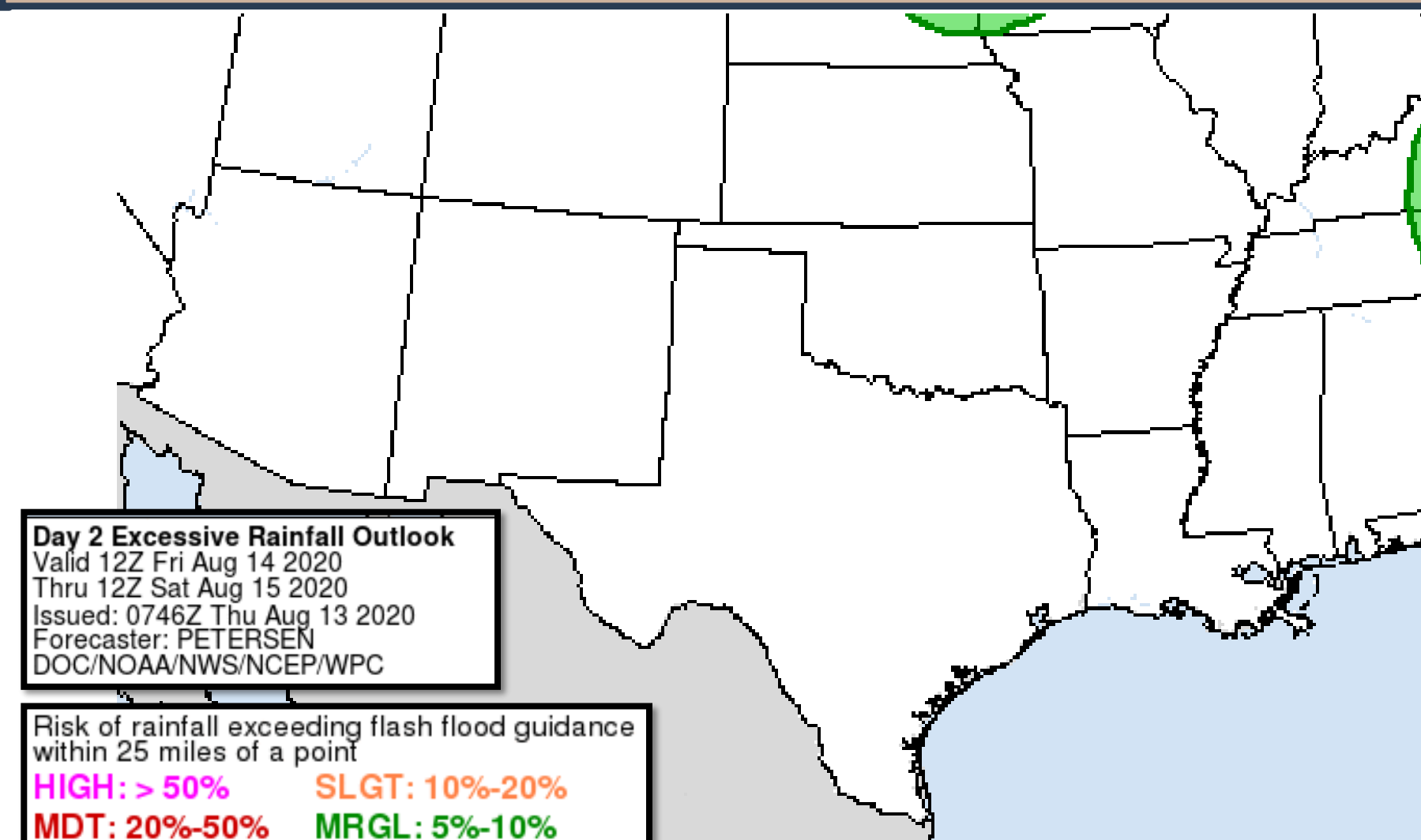


**No significant weather  
 expected.**

## Severe Weather Outlook



## Excessive Rainfall Outlook





# Saturday's Weather

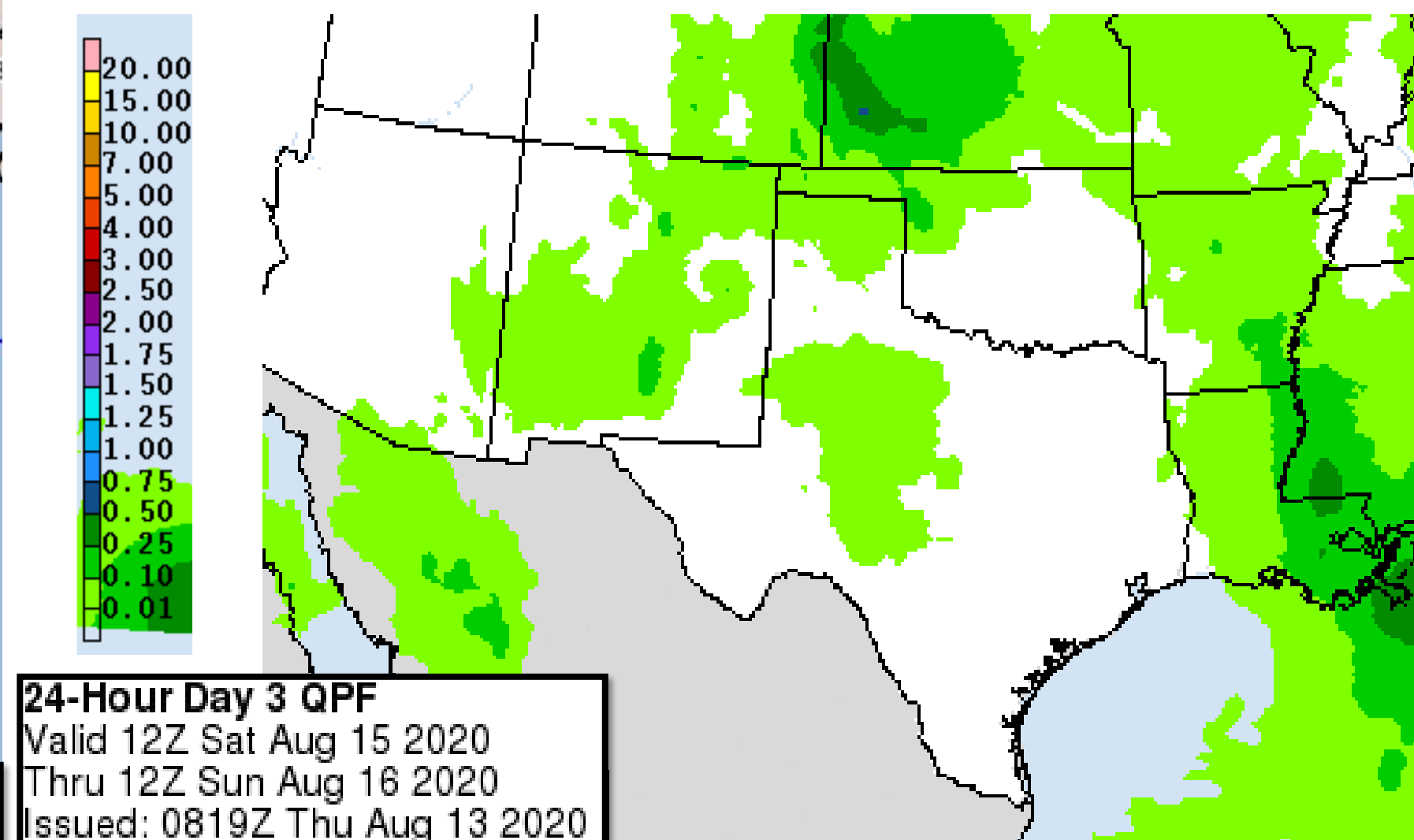
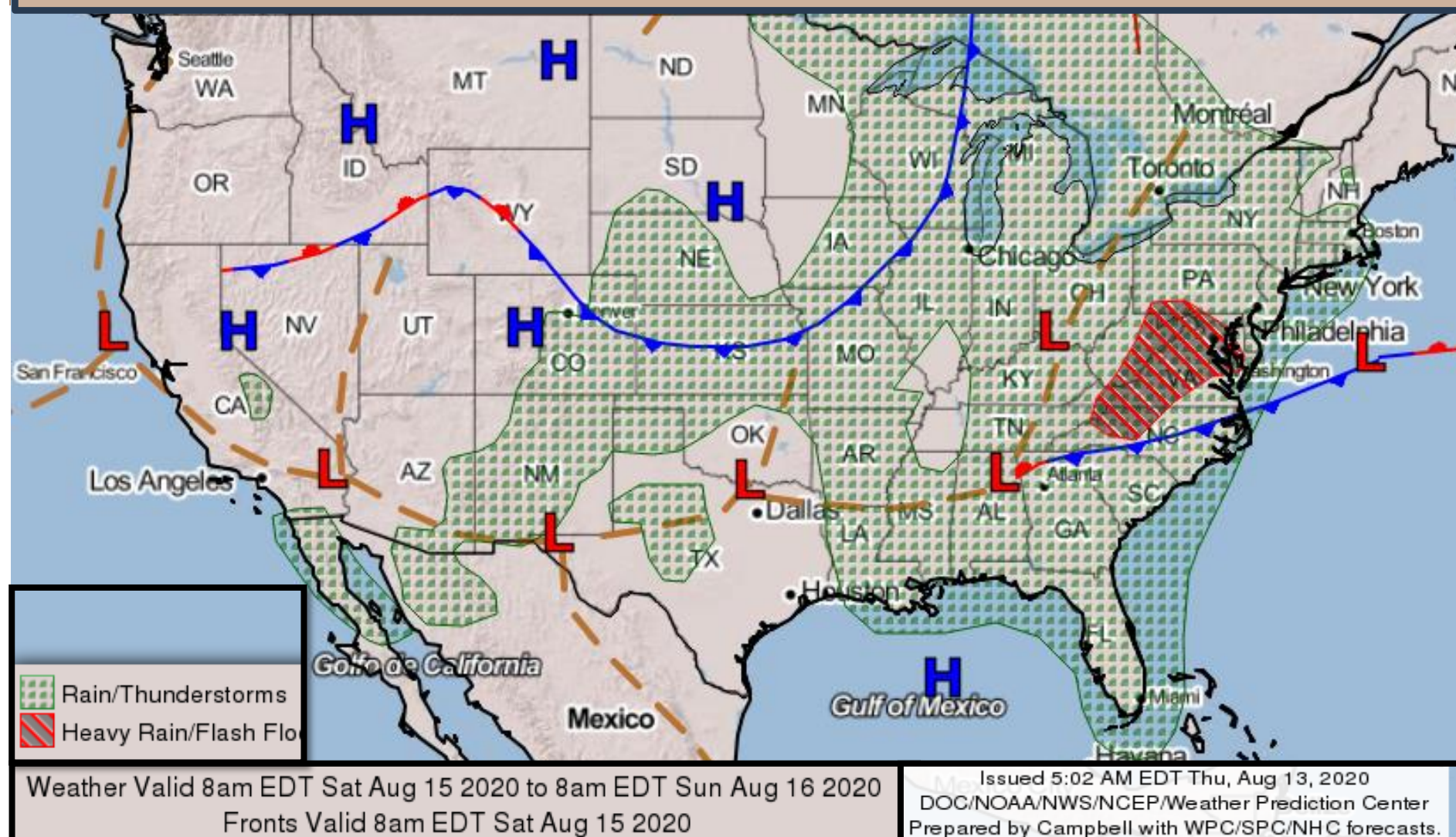


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## Forecast Chart

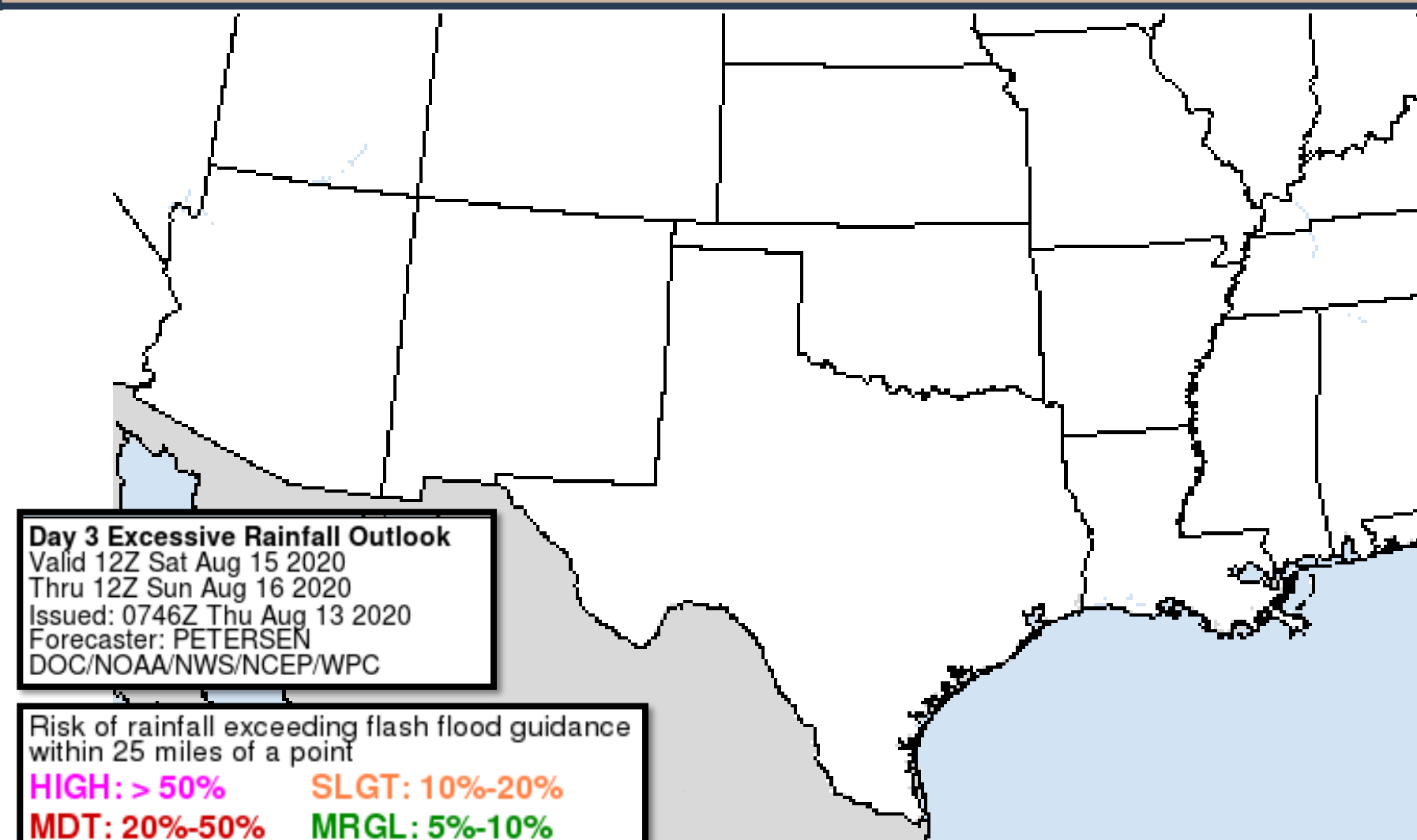
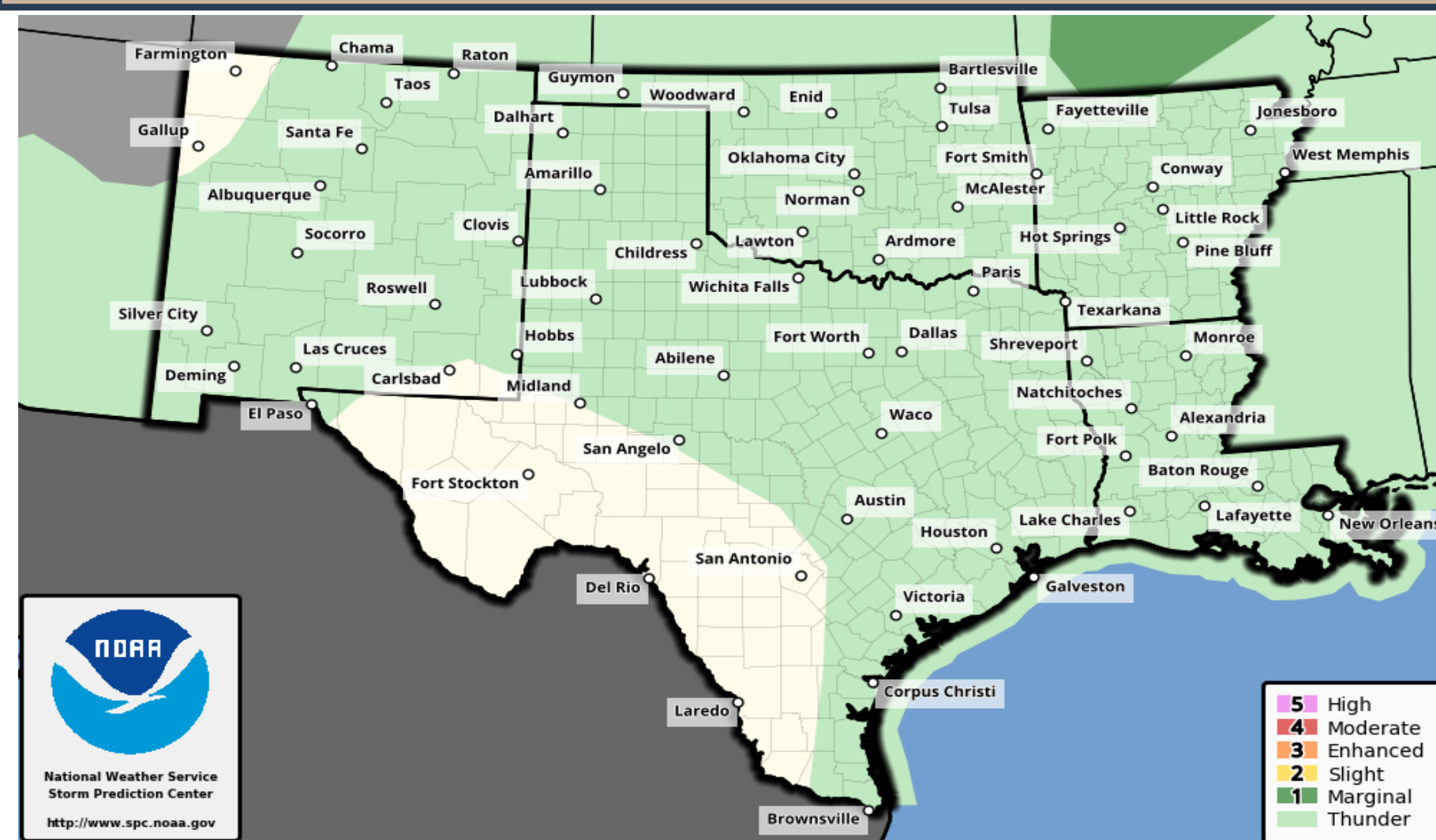
## Forecast Rainfall

**No significant weather  
expected.**



## Severe Weather Outlook

## Excessive Rainfall Outlook





# Days 4-5 Weather Hazards

Sunday - Monday



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No significant weather expected.



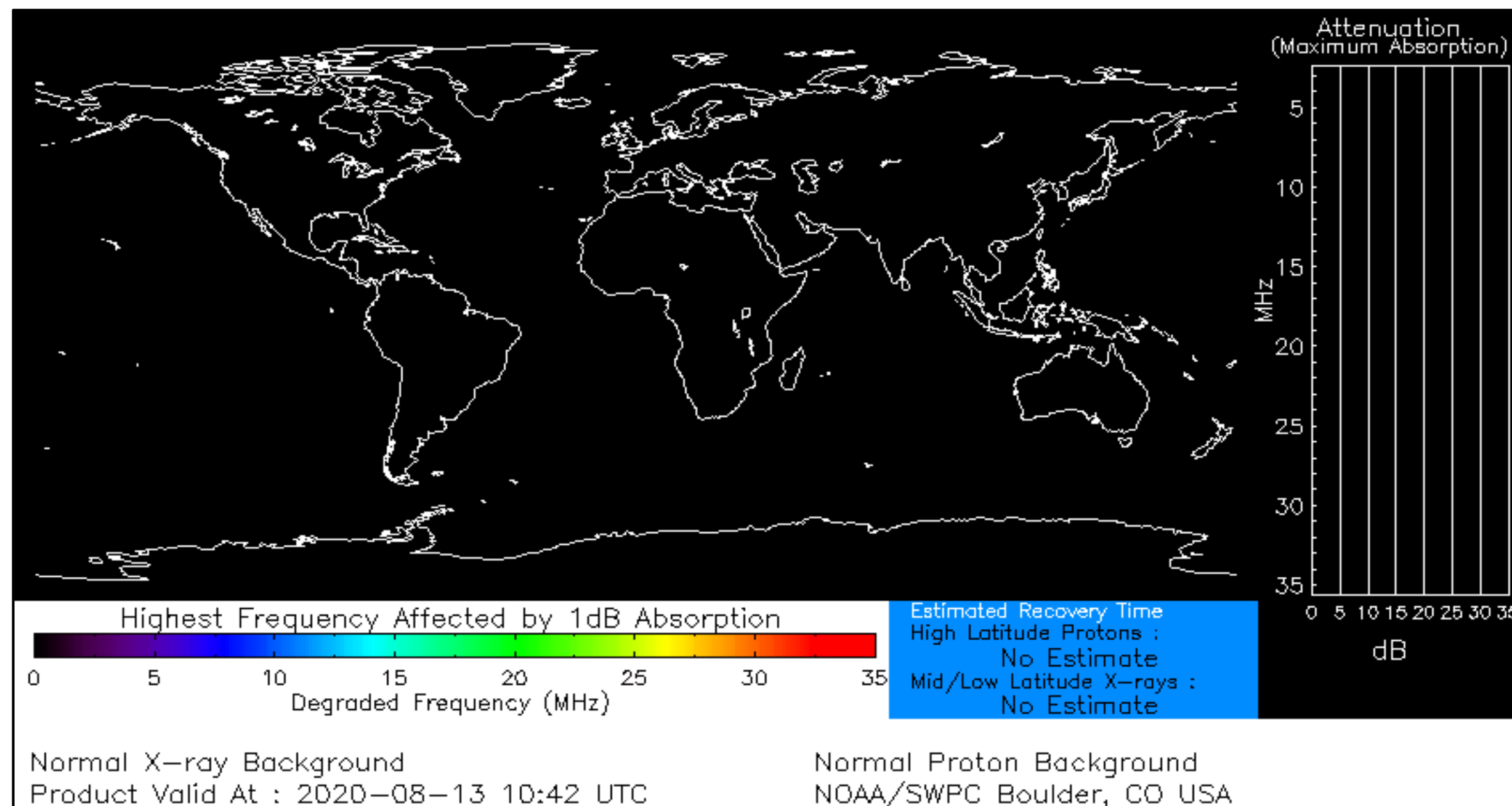


# Space Weather 3-Day Forecast



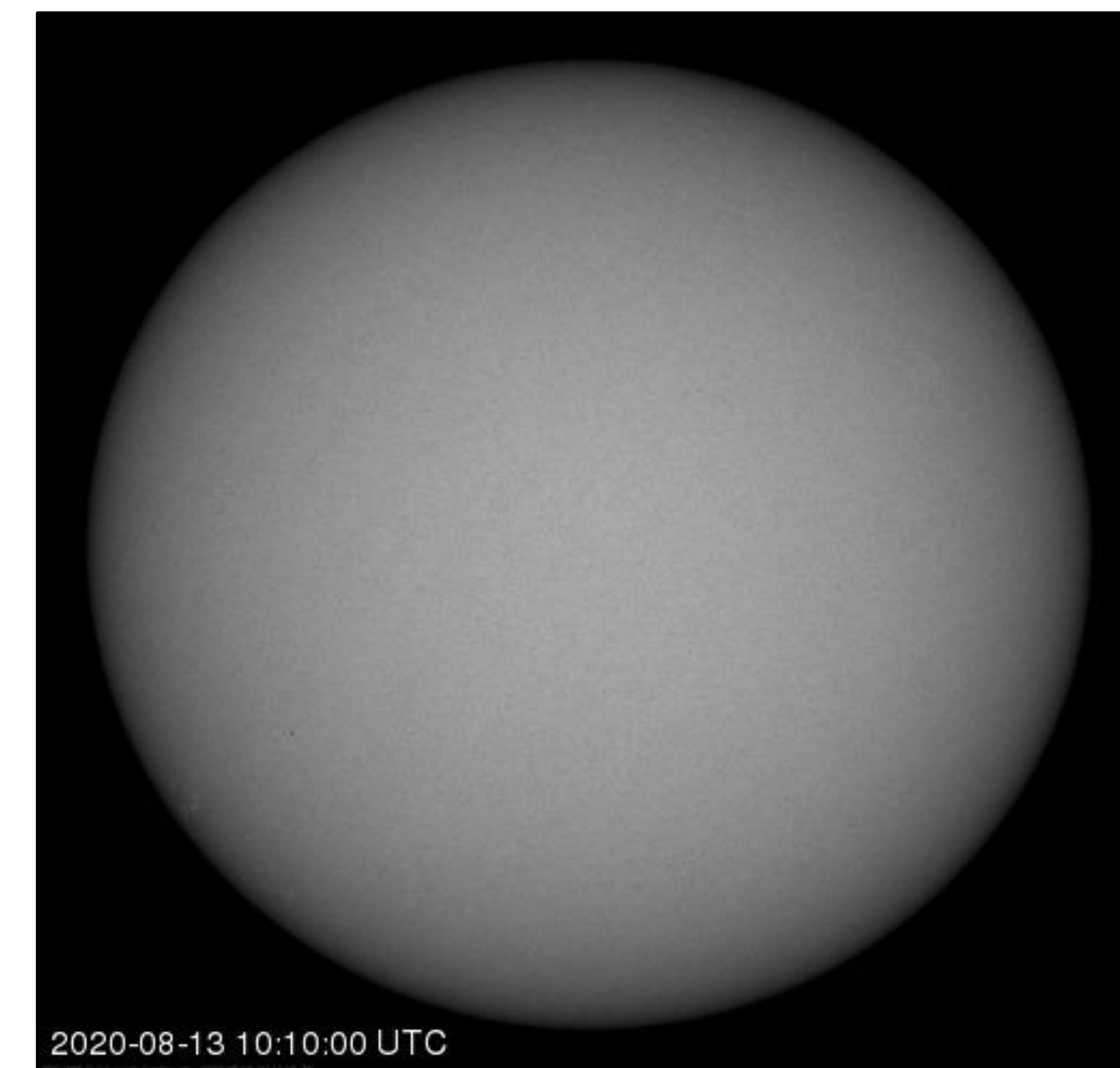
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|                                      | Thursday                      | Friday                        | Saturday                      |
|--------------------------------------|-------------------------------|-------------------------------|-------------------------------|
| <b>Geomagnetic Storms</b>            | <b>Quiet<br/>(Max Kp = 2)</b> | <b>Quiet<br/>(Max Kp = 2)</b> | <b>Quiet<br/>(Max Kp = 2)</b> |
| <b>Solar Radiation Storm (S1-S5)</b> | <b>1%</b>                     | <b>1%</b>                     | <b>1%</b>                     |
| <b>Radio Blackout (R1-R2)</b>        | <b>1%</b>                     | <b>1%</b>                     | <b>1%</b>                     |
| <b>Radio Blackout (R3-R5)</b>        | <b>1%</b>                     | <b>1%</b>                     | <b>1%</b>                     |



[Click here for a  
Description of the Space  
Weather Storm Scales](#)

[Click here for the Latest  
3-Day Space Weather  
Forecast Text](#)







**For more information, please contact:**

**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

**Phone: (682) 703-3747**

**E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**

**Web: <http://www.weather.gov/srh>**





| Weather “Threat” Matrix |                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Color                   | Definition                                                                                                                                                                                                                   | Criteria                                                                                                                                                                                                                                                                                                                                                                                  | Example(s)                                                                                                                                                                                                                                                                                                                                                                               |
| Green                   | <b>Very Common</b><br>Safety: Rarely a Direct Threat to Life and Property<br>Impact Potential: Typically Results in Little Inconvenience to Daily Routines                                                                   | Severe: Marginal Risk from SPC<br>Flooding: Minor flooding expected over localized areas<br>Tropical: None<br>Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active                                                                                                                                                                                               | <ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>                                                                                                                 |
| Yellow                  | <b>Somewhat Common – Happens Frequently</b><br>Safety: Rarely a Direct Threat to Life and Property<br>Impact Potential: Typically Results in Some Inconvenience to Daily Life                                                | Severe: Slight Risk from SPC<br>Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas<br>Tropical: A weak tropical wave expected to move towards or near any coastline<br>Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook                                                               | <ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>                                                                                   |
| Orange                  | <b>Uncommon – A Few Times a Year</b><br>Safety: Often Threatening to Life and Property, Some Damage Unavoidable<br>Impact Potential: Typically Results in Minor Disruption to Daily Life                                     | Severe: Enhanced Risk from SPC<br>Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas<br>Tropical: A Tropical Storm expected to move towards or near any coastline<br>Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions | <ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul> |
| Red                     | <b>Rare – Once every 1-5 Years</b><br>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed<br>Impact Potential: Will likely result in Large Disruption to Daily Life                            | Severe: Moderate Risk from SPC<br>Flooding: Moderate flooding expected over a widespread area (including urban locations)<br>Tropical: A Hurricane expected to move towards or near any coastline<br>Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought                                                                  | <ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>                                    |
| Purple                  | <b>Very Rare – Once Every 5-10 Years</b><br>Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed<br>Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life | Severe: High Risk from SPC<br>Flooding: Major flooding expected over a widespread area (including urban locations)<br>Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline<br>Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought                            | <ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>                                                                |

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**